

Client's ref.:A91262  
File:0535-9532US/final

/Nick/Steve

**What is claimed is:**

- 1           1.    An electronic device comprising:  
2           a printed circuit board including a ground layer;  
3           a liquid crystal display module, disposed on the  
4           printed circuit board, including a central  
5           portion, a surrounding portion, an anti-ESD  
6           wire, and a first contact, wherein the central  
7           portion is surrounded by the surrounding  
8           portion, and the anti-ESD wire is disposed on  
9           the surrounding portion, and wires of the  
10          liquid crystal display module are schemed  
11          between the anti-ESD wire and the central  
12          portion, and the first contact is coupled to  
13          the anti-ESD wire and the ground layer  
14          respectively so that ESD in the liquid crystal  
15          display module is ground via the anti-ESD wire  
16          and the first contact; and  
17          a controller, disposed on the printed circuit board  
18          and coupled to the liquid crystal display  
19          module, for resetting the liquid crystal  
20          display module at a predetermined interval.
- 1           2.    The electronic device as claimed in claim 1,  
2           further including a first wire connecting the first  
3           contact and the ground layer.
- 1           3.    The electronic device as claimed in claim 1,  
2           wherein the liquid crystal display module further  
3           includes a plurality of second contacts, and the first  
4           contact is located outside of the second contacts.

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1           4.    The electronic device as claimed in claim 3,  
2           further including a second wire connecting one of the  
3           second contacts and the controller.

1           5.    The electronic device as claimed in claim 1,  
2           wherein the central portion of the liquid crystal display  
3           module is the display region of the liquid crystal  
4           display module.

1           6.    The electronic device as claimed in claim 1,  
2           wherein the surrounding portion of the liquid crystal  
3           display module is a circuit layout region of the liquid  
4           crystal display module.

1           7.    The electronic device as claimed in claim 1,  
2           wherein the anti-ESD wire is indium tin oxide.

1           8.    The electronic device as claimed in claim 1,  
2           wherein the width of the anti-ESD wire is 0.15mm-0.35mm.

1           9.    A method for preventing ESD, comprising:  
2           providing a liquid crystal display module including  
3           a central portion, a surrounding portion, and  
4           an anti-ESD wire, wherein the central portion  
5           is surrounded by the surrounding portion, the  
6           anti-ESD wire is disposed on the surrounding  
7           portion, and wires of the liquid crystal  
8           display module are located between the anti-ESD  
9           wire and the central portion; and  
10          resetting the liquid crystal display module at a  
11          predetermined interval.

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1           10. The method as claimed in claim 9, further  
2 comprising:

3           making a level of the liquid crystal display module  
4           back to a predetermined value so as to reset  
5           the liquid crystal display module.

1           11. The method as claimed in claim 9, wherein the  
2 anti-ESD wire is indium tin oxide.

1           12. The method as claimed in claim 9, wherein the  
2 width of the anti-ESD wire is 0.15mm-0.35mm.

1           13. A machine-readable storage medium storing a  
2 computer program which, when executed, causes a computer  
3 to perform a method for preventing ESD is provided,  
4 wherein the method comprises:

5           providing a liquid crystal display module including  
6           a central portion, a surrounding portion, and  
7           an anti-ESD wire, wherein the central portion  
8           is surrounded by the surrounding portion, the  
9           anti-ESD wire is disposed on the surrounding  
10          portion, and wires of the liquid crystal  
11          display module are located between the anti-ESD  
12          wire and the central portion; and

13          resetting the liquid crystal display module at a  
14          predetermined interval.

1           14. The storage medium as claimed in claim 13,  
2 further comprising:

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3           returning a level of the liquid crystal display  
4           module to a predetermined value so as to reset  
5           the liquid crystal display module.

1           15. The storage medium as claimed in claim 13,  
2           wherein the anti-ESD wire is made of indium tin oxide.

1           16. The storage medium as claimed in claim 13,  
2           wherein the width of the anti-ESD wire is 0.15mm-0.35mm.